

Amendments to the Claims

Please amend the claims as instructed in the marked-up version of the Listing of the Claims presented below. This Listing of the Claims replaces all prior versions, and listings of the claims in the application.

Listing of the Claims

1. – 20. (Cancelled)

21. (Original) A surgical cutting device, comprising:

a housing having a first chamber, a second chamber, and a passage extending between the first and second chamber;

a vent defined by a channel extending through the housing from the passage;

a shaft having a first end located in the first chamber and a second end located outside of the housing, the shaft extending from the first chamber at the first end and through the passage and the second chamber to the second end;

a seal located between the shaft and the passage to separate the first chamber from the second chamber, the seal comprising:

a body having at least one inner surface positioned adjacent the shaft, at least one outer surface positioned adjacent the passage, and an aperture extending between the at least one inner surface and the at least one outer surface,

a first and second band projecting from and formed integral with the body, the first and second band each surrounding at least an axial portion of the outer surface of the body and dimensioned for sealing engagement with the passage, the first band axially disposed from the second band and the aperture; and

a third and fourth band projecting from and formed integral with the body, the third and fourth band each surrounding at least an axial portion of the inner surface of the body and

dimensioned for sealing engagement with the shaft, the third band axially disposed from the fourth band and the aperture.

22. (Original) The device of claim 21, wherein the third and fourth bands of the seal are axially offset with respect to the first and second bands of the seal.

23. (Original) The device of claim 21, wherein a first axial distance separates the third and fourth bands of the seal from each other and a second axial distance greater than the first axial distance separates the first and second bands of the seal from each other.

24. (Original) The device of claim 21, wherein the first and second bands of the seal are axially disposed from the aperture by substantially the same distance.

25. (Original) The device of claim 21, wherein the third and fourth bands of the seal are axially disposed from the aperture by substantially the same distance.

26. (Original) The device of claim 21, wherein the seal is made from an elastomer.

27. (Original) The device of claim 21, wherein the seal is made from a soft polymer.

28. (Original) The device of claim 21, wherein the shaft is configured to reciprocate within the passage to perform cutting operations.

29. (Original) The device of claim 28, wherein the shaft has a circular cross-section.

30. (Original) The device of claim 21, wherein the shaft is configured to rotate to perform cutting operations.

31. (Original) The device of claim 21, wherein the shaft is hollow and the first chamber is configured to have a pressure that is different than a pressure outside the housing and resulting in a pressure differential, the pressure differential capable of causing fluid to travel through the shaft.

32. (Original) The device of claim 21, wherein the aperture in the seal is in communication with the channel of the housing.

33. (Original) The device of claim 21, wherein the bands are formed integral with the body.

34. (Original) The device of claim 21, wherein a first axial distance separates the third and fourth bands of the seal from each other and a second axial distance less than the first axial distance separates the first and second bands of the seal from each other.

35. – 45. (Cancelled)